



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 20 77 74 42

**Classification of the application (IPC):**  
H04L 1/08, H04L 1/18, H04L 67/12, H04W 4/40

**Technical fields searched (IPC):**  
H04L, H04W

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	WO 2018171540 A1 (ZTE CORP [CN]) 27 September 2018 (2018-09-27) * the whole document * & US 2020092692 A1 (WANG MENGZHEN [CN] ET AL) 19 March 2020 (2020-03-19) * paragraph [0087] - paragraph [0095] * * paragraph [0106] - paragraph [0108] * * paragraph [0132] - paragraph [0142] * * paragraph [0146] - paragraph [0162] * * figures 2-5 *	1-15
X	US 2018263052 A1 (XU HUI [CN] ET AL) 13 September 2018 (2018-09-13) * paragraph [0064] - paragraph [0081] * * paragraph [0087] - paragraph [0094] * * paragraph [0096] - paragraph [0107] * * paragraph [0111] - paragraph [0129] * * paragraph [0172] - paragraph [0197] * * figures 3-8, 12-14 *	1-15
A	US 2019052436 A1 (DESAI VIPUL [US] ET AL) 14 February 2019 (2019-02-14) * paragraph [0123] - paragraph [0137] * * figures 9, 10 *	1-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 23 March 2022	Examiner Voukas, Ioannis
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### CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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## ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 23-03-2022  
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